

(Sep 29)
Sep. Copy

July 10, 1964

PROCESSOR DEVELOPMENT PROGRAM

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1. According to [redacted], all previous contracts are complete and there are no residual actions open. Both the HTA/5 and ABD/4 contracts are closed on their books pending final audit. The new contract for the Development Program, dated June 30, 1964, was received a few days ago and is being reviewed for signature. They expect to get it in the mail today.

2. [redacted] Clean Room. During the visit of [redacted] and [redacted] in June, they expressed concern over the [redacted] clean room quotation to [redacted]. The figures seemed considerably higher than an independent set of figures obtained by George. A review of the detail breakdown of the quote to [redacted] revealed it included more facilities such as partitions and entry locks. These, of course, were necessary for the [redacted] working arrangement and a review of the quotes on a comparable equipment basis indicated they were more nearly alike.

[redacted] is presently going through a detail review of the [redacted] quote, which totals approximately [redacted]. I suggested to him that [redacted] would have greater confidence in his efforts if he could present evidence of the critical detail review and bargaining which he indicates he is going through with [redacted].

[redacted] expects to be able to give [redacted] a "go ahead" next week. He does not require approval of the purchase order by the Contracting Officer, since approval is written into the contract for a maximum of [redacted]. [redacted] has a strong incentive to get the cost down since their fee on the total contract depends on how far below [redacted] they can drive the cost of the [redacted] clean room.

3. [redacted] started yesterday to get organized for the job. [redacted] is in process of considering the personnel assignments and project organization. [redacted] loss of [redacted] to Xerox was an unhappy event because he had been slated for work on this program. Two others previously mentioned

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Processor Development Program

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for the program were [redacted] I expect that over the next four or five months progress will appear to be rather slow. It will no doubt be comparable to the start up of your own lab. Significant results won't start appearing until after the facility is pretty well completed, organized, and operating.

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[redacted] indicated that preparation of the area at the north end of the building was getting under way. The HTA/5 Processor and its service unit and the AAD/4 Dryer are located in the area. The four chemical-mix tanks are stored elsewhere.

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4. Program Priority. During [redacted] visit in June, they agreed upon a priority order of the development objectives of the program and this priority was communicated to [redacted] My understanding of the priority rating is enclosed herein. [redacted] has not yet attempted to organize a program plan or make a work priority statement. As I see it, the assigned priorities are not to be considered hard and fast but are subject to change as seems advisable during the course of the program.

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5. [redacted] has developed a Incident Target Record Viewer which is a film-strip viewer. It automatically indexes a magazine full of 35 mm x 100 mm film strips. I suggested they send info on it to [redacted] if they have not already done so.

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[redacted]

CHRONOLOGICAL PRIORITY RATING

The order within a priority rating is not significant.

PRIORITY 1

- 3.1 Liquid and air bearings
- 3.2 Air squeegees
- 3.3 Vacuum capstans
- 3.3 Solution filtration
- 3.11 Splicing
- 3.12 Reliability
- 3.20 Clean room
- 3.21 Drying air

PRIORITY 2

- 3.8.1.3 Modular concept for individual parts such as liquid bearings and air bearings
- 3.13 Threading
- 3.14 Film torque
- 3.22 Gamma requirements

PRIORITY 3

- 3.4 Plumbing
- 3.5 Equipment size
- 3.7 Power consumption
- 3.8 Modular design

PRIORITY 4

- 3.15 Chemical development
- 3.16 Chemical fixation
- 3.17 Film washing
- 3.18 Measure of chemical balance
- 3.19 Processor control system

PRIORITY 5

- 3.9 Controllable development module
- 3.10 Density measurement